

WE CLAIM:

1. A connection device (1, 2, 3, 4, 5, 6, 7) for low-voltage electrical equipment and corresponding accessories, wherein said connection device has a substantially parallelepipedal structure with a first pair (10, 11), a second pair (20, 21) and a third pair (30, 31) of faces set opposite to one another, each face of said first pair of faces being designed to receive electrical coupling means (40), at least two faces of said second and third pair of faces being equipped with mechanical coupling means (50) for connection to said low-voltage equipment and/or to a further connection device.
2. The connection device according to Claim 1, wherein said electrical coupling means (40) are constituted by plugs (41), or cables (42) or sockets (43) for said plugs (41).
3. The connection device according to Claim 1, wherein one or more cables (42) are positioned on one face of said first pair of faces (10, 11), one or more plugs (41) being positioned on the other face of said first pair of faces (10, 11),.
4. The connection device according to Claim 1, wherein one or more sockets (43) are positioned on one face of said first pair of faces (10, 11), one or more cables (42) being positioned on the other face of said first pair of faces (10, 11).
5. The connection device according to Claim 1, wherein one or more sockets (43) are positioned on one face of said first pair of faces (10, 11), one or more plugs (41) being positioned on the other face of said first pair of faces (10, 11).
6. The connection device according to according to Claim 1, wherein mechanical coupling means (51, 53) for connection to a further connection device are positioned on one face of said third pair of faces (30, 31), mechanical coupling

means (54) for connection to said electrical equipment being positioned on the other face of said third pair of faces (30, 31).

7. The connection device according to according to Claim 1, wherein mechanical coupling means (54) for connection to said electrical equipment are positioned on both of the faces (30, 31) of said third pair of faces.
8. The connection device according to according to Claim 1, wherein mechanical coupling means (52, 520) for connection to a further connection device are positioned on one face of said second pair of faces (20, 21).
9. The connection device according to according to Claim 1, wherein said mechanical coupling means are jointing means.
10. The connection device according to according to Claim 1, wherein said mechanical coupling means are sliding means.
11. A low-voltage apparatus (15) having a substantially parallelepipedal structure, with a front wall (150), a rear wall (151), and a first side wall (152) and second side wall (153), wherein said low-voltage apparatus comprises one or more connection devices according to Claim 1.
12. The low-voltage apparatus according to Claim 11, wherein said one or more of said connection devices are housed in a seat (16) made in one of the side walls (152, 153) of said low-voltage apparatus (15).
13. The low-voltage apparatus according to Claim 11, characterized in that it comprises at least a first connection device (1, 3, 5) according to according to Claim 1 operatively connected to one or more accessories of said low-voltage apparatus, and at least a second device (2, 4, 6) according to Claim 1 operatively connected to the electrical wiring system, said first and second connection devices being electrically coupled with one another and mechanically coupled

with said low-voltage apparatus.

14. The low-voltage apparatus according to Claim 11, characterized in that it comprises at least a first (1, 3, 5) of said connection devices operatively connected to one or more accessories of said low-voltage apparatus, at least a second (2, 4, 6) of said connection devices operatively connected to the electrical wiring system, and at least a third (7) connection device interposed between said first and second connection devices, said first, second and third connection devices being electrically coupled with one another and mechanically coupled with said low-voltage apparatus.
15. The low-voltage apparatus according to Claim 11, characterized in that it comprises at least a first (1, 3) and a fourth (5) of said connection devices operatively connected to one or more accessories of said low-voltage apparatus, and at least a second (2, 4) and a fifth (6) of said connection devices operatively connected to the electrical wiring system, said first and second connection devices being electrically coupled with one another and mechanically coupled with said low-voltage apparatus, said fourth and fifth connection devices being electrically coupled with one another and mechanically coupled with said low-voltage apparatus, said first and second connection devices being moreover mechanically coupled, respectively, with said fourth and fifth connection devices.
16. The low-voltage apparatus according to Claim 11, characterized in that it is a circuit breaker.
17. The low-voltage apparatus according to Claim 11, characterized in that it is a disconnecter.